

AMERICAN DRAFTSPERSOONS
PATENT DRAWING REVIEW

The drawing(s) filed (insert date) 12-30-97 are

A approved by the Draftsperson under 37 CFR 1.84 or 1.152

B objected to by the Draftsperson under 37 CFR 1.84 or 1.152 for the reasons indicated below. The Examiner will require submission of new, corrected drawings when necessary. Corrected drawing must be submitted according to the instructions on the back of this notice.

<p>1. DRAWINGS 37 CFR 1.84(a). Acceptable categories of drawings</p> <p><input type="checkbox"/> Black & white: Color <input type="checkbox"/> Colored drawings are not acceptable until petition is granted <input type="checkbox"/> Fig(s) _____ <input type="checkbox"/> Lead and carbon black ink not permitted. Fig(s) _____</p> <p>2. PHOTOGRAPH 37 CFR 1.84(b)</p> <p><input type="checkbox"/> Full-toned art is required. Fig(s) _____ <input type="checkbox"/> Photograph may not be mounted. 37 CFR 1.84(c) <input type="checkbox"/> Full-quality (full-tone). Fig(s) _____</p> <p>3. TYPE OF PAPER 37 CFR 1.84(c)</p> <p><input type="checkbox"/> Paper not too thick, strong, white, and durable <input type="checkbox"/> Fig(s) _____ <input type="checkbox"/> Features of drawings, e.g., writings, interlineations <input type="checkbox"/> Full, clean, legible marks not accepted. Fig(s) <u>16A-26</u> <input type="checkbox"/> Mylar or cloth paper is not acceptable (non-dim) <input type="checkbox"/> Fig(s) _____</p> <p>4. SIZE OF PAPER 37 CFR 1.84(f). Acceptable sizes</p> <p><input type="checkbox"/> 21.0 cm. by 29.7 cm. (DIN size A4) <input type="checkbox"/> 21.6 cm. by 27.9 cm. (8 1/2 x 11 inches) <input type="checkbox"/> All drawing sheets not the same size <input type="checkbox"/> Size (s) _____ <input type="checkbox"/> Drawings, sheets not an acceptable size. Fig(s) _____</p> <p>5. MARGINS 37 CFR 1.84(g). Acceptable margins</p> <p>Top 21 cm. Left 2.5 cm. Right 1.5 cm. Bottom 1.0 cm. <u>SIDE</u>: A4 Size Top 21 cm. Left 2.5 cm. Right 1.5 cm. Bottom 1.0 cm. <u>SIDE</u>: 8 1/2 x 11</p> <p>Margins not acceptable. Fig(s) <u>7-22-25, 27-32, 38, 39, 41</u></p> <p>6. VIEWS 37 CFR 1.84(j)</p> <p>REMARKS: Specification may require revision to correspond to drawing changes Part(s) _____ 37 CFR 1.84(h)(2)</p> <p><input type="checkbox"/> Breaks in title to show figure as one entity <input type="checkbox"/> Fig(s) _____ <input type="checkbox"/> Views not labeled separately or properly <input type="checkbox"/> Fig(s) _____ <input type="checkbox"/> Full edges not labeled separately or properly <input type="checkbox"/> Fig(s) _____</p> <p>7. SECTIONAL DRAWINGS 37 CFR 1.84(h)(3)</p> <p><input type="checkbox"/> Hatching not indicated for sectional portions of an object <input type="checkbox"/> Fig(s) _____ <input type="checkbox"/> Sectional designation should be noted with Arabic or Roman number. Fig(s) _____</p>	<p>8. ARRANGEMENT OF VIEWS 37 CFR 1.84(i)</p> <p><input type="checkbox"/> Words do not appear on a horizontal, left-to-right fashion <input type="checkbox"/> When page is either upright or turned so that the top <input type="checkbox"/> does not the right side, except for graphs. Fig(s) _____</p> <p>9. SCALE 37 CFR 1.84(k)</p> <p><input type="checkbox"/> Scale not large enough to show mechanism without <input type="checkbox"/> cropping when drawing is reduced in size to two-thirds in <input type="checkbox"/> reproduction Fig(s) _____</p> <p>10. CHARACTER OF LINES, NUMBERS, & LETTERS 37 CFR 1.44(j)</p> <p><input type="checkbox"/> Lines numbers & letters not uniformly thick and well <input type="checkbox"/> defined, clean, durable, and black (poor line quality) Fig(s) <u>24, 29 - 41</u></p> <p>11. SHADING 37 CFR 1.84(m)</p> <p><input type="checkbox"/> Solid black areas pale. Fig(s) _____ <input type="checkbox"/> Solid black shading not permitted. Fig(s) _____ <input type="checkbox"/> Shaded lines, pale, rough and blurred. Fig(s) _____</p> <p>12. NUMBER & LETTERS, & REFERENCE CHARACTERS 37 CFR 1.44(p)</p> <p><input type="checkbox"/> Number and reference characters not plain and legible Fig(s) <u>24, 29 - 41</u> <input type="checkbox"/> Figures, legends are poor. Fig(s) <u>7-12-41</u> <input type="checkbox"/> Numbers and reference character not oriented in the same direction as the view. 37 CFR 1.84(p)(1) Fig(s) _____ <input type="checkbox"/> English alphabet not used. 37 CFR 1.84(p)(2) Fig(s) _____ <input type="checkbox"/> Non-Latin letters and reference characters must be at least 3mm (1/8 inch) in height. 37 CFR 1.84(p)(3) Fig(s) _____</p> <p>13. LEAD LINES 37 CFR 1.84(q)</p> <p><input type="checkbox"/> Lead lines cross each other. Fig(s) _____ <input type="checkbox"/> Lead lines missing. Fig(s) _____</p> <p>14. NUMBERING OF SHEETS OF DRAWINGS 37 CFR 1.84(r)</p> <p><input type="checkbox"/> Sheets not numbered consecutively, and in Arabic numerals <input type="checkbox"/> Drawing with number 1. Sheet(s) _____</p> <p>15. NUMBERING OF VIEWS 37 CFR 1.84(u)</p> <p><input type="checkbox"/> Views not numbered consecutively, and in Arabic numerals <input type="checkbox"/> Drawing with number 1. Fig(s) _____</p> <p>16. CORRECTIONS 37 CFR 1.84(w)</p> <p><input type="checkbox"/> Corrections not made from prior PTO-948 date _____</p> <p>17. DESIGN DRAWINGS 37 CFR 1.152</p> <p><input type="checkbox"/> Surface shading shown not appropriate. Fig(s) _____ <input type="checkbox"/> Solid black shading not used for color contrast Fig(s) _____</p>
<p>COMMENTS</p>	

REVIEWER J. CHASE DATE 5-10-03 TELEPHONE NO. 103-305-8430

ATTACHMENT TO PAPER NO. 38

REMINDER

Drawing changes may also require changes in the specification, e.g., if Fig. 1 is changed to Fig. 1A, Fig. 1B, Fig. 1C, etc., the specification, at the Brief Description of the Drawing, must likewise be changed. Please make such changes by 37 CFR 1.312 Amendment at the time of submitting drawings.

INFORMATION ON HOW TO EFFECT DRAWING CHANGES

1. Correction of Drawings - 37 CFR 1.85

File new drawings with the changes incorporated therein. Identifying indicia, if provided, should include the title of the invention, inventor's name, and application number or docket number (if any) if an application number has not been assigned to the application. If this information is provided, it must be placed on the front of each sheet and centered within the top margin. The drawing should be filed as a separate paper with a transmittal letter addressed to the Drawing Review Branch.

2. Timing for Corrections

Applicant is required to submit acceptable corrected drawings within the three-month shortened statutory period set in the Notice of Allowability (PTO-147).

Failure to take corrective action within set period will result in ABANDONMENT of the Application.

3. Corrections other than Defects Noted by the Drawing Review Branch on the Form PTO-948

All changes to the drawings, other than defects noted by the Drawing Review Branch, **MUST** be approved by the examiner before the application will be allowed. No changes will be permitted other than correction of defects, unless the examiner has approved the proposed changes.